

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2490	((reduc\$4 near2 width) with wir\$3)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:38
L2	4948416	semicondcutor or circuit	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:38
L3	1669	S94 and S95	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:38
L4	7758	(reduc\$4 near2 width) with (conductor or electrode or wir\$3 or metal)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:39
L5	4536	S95 and S97	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:39
L6	8006707	(cut\$3 or remov\$3 or slice or separate or dissect)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:39
L7	429	S99 same S97 and S95	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:40
L8	2464517	(cut\$3 or slice)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:43
L9	135	S101 same S97 and S95	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:43
S1	830	(438/50).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:24
S2	2206	(257/e23.02).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:24
S3	940	(257/415).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:24
S4	532	(257/419).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:24
S5	6	((RYOSUKE) near2 (MESHII)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:24
S6	32	((KOUJI) near2 (SAKAI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:24
S7	5	((ATSUSHI) near2 (ISHIGAMI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:24

S8	1	((EICHI) near2 (FURUKUBO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:24
S9	29	((RYOSUKE) near2 (MESHII)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/06/01 11:25
S10	40	((KOUJI) near2 (SAKAI)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/06/01 11:25
S11	70	((ATSUSHI) near2 (ISHIGAMI)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/06/01 11:25
S12	0	((EICHI) near2 (FURUKUBO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/06/01 11:25
S13	11	anodic same bond\$3 same capacit\$4 same (irradiat\$3 or current or heat\$3) same (cut or dice or slice or separate)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:27
S14	44	("3288656"   "3993939"   "4104595"   "4392382"   "4446447"   "4820971"   "5453628"   "5528452"   "5546070"   "5596144"   "5656781"   "5683594"   "5706565"   "5721162"   "5736430"   "5895233"   "5932809"   "5936164"   "6074891"   "6109113"   "6150681"   "6326228").PN. OR ("6465271").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:28
S15	58	anodic same bond\$3 same capacit\$4 and ((irradiat\$3 or current or heat\$3) same (cut or dice or slice or separate))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:28
S16	47	S15 not S13	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:29
S17	44	S1 and short circuit	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:31
S18	56	S1 and ((movable electrode or diaphragm) same (fix\$3 electrode))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:32
S19	513	(voltage or current) near5 cut\$3 near wir\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:33
S20	1	S1 and S19	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:33
S21	5	((voltage or current) near5 cut\$3 near5 wir\$3) and movable electrode and fix \$4 electrode	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:34

S22	1	("7291825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:35
S23	1	("6450031").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:35
S24	0	("6450031 (voltageorcurrent)near5cut \$3near5heat\$3near5wir \$3").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:35
S25	101	(voltage or current) near5 cut\$3 near5 heat\$3 near5 wir\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:36
S26	286	equipotential near5 (wir\$3 or bond\$3)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:50
S27	18	S26 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:50
S28	100179	bond\$4 with area	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:51
S29	484402	"438".clas. or "257".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:51
S30	22051	S28 and S29	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:51
S31	6022	anodic with bond\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:52
S32	664	S30 and S31	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:52
S33	150515	(cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:53
S34	24	S32 and S33	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:53
S35	1	S26 and S34	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 11:54
S36	34	("3417361"   "3697918"   "3774834"   "3800264"   "3820401").PN. OR ("3918019").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:56
S37	4	("5388460").PN. OR ("6013562").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:56

S38	26	("3540957"   "3783218"   "4295115"   "4452624"   "4481497"   "4638552"   "5396042"   "5406108"   "5411919"   "5443890"   "5493305"   "5591679"   "5600541"   "5611876"   "5621837"   "5672826"   "5755942"   "5814883"   "5820648"   "5866469"   "5892279"   "6013562"   "6091146"   "6377461"   "6462410").PN. OR ("6809424").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:56
S39	31	("3397278"   "3417459"   "3506424"   "3589965"   "3783218"   "3951707"   "4294602"   "4452624"   "4457972"   "4643532"   "5160560").PN. OR ("5820648").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:56
S40	39	("5276586"   "5296310"   "5923084"   "6114986"   "6281573"   "6281575"). PN. OR ("6462410"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:56
S41	2491	glass near4 substrate and anodic near4 bond\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 13:27
S42	830	(438/50).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 13:27
S43	50	S42 and S41	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 13:27
S44	18289	fix\$3 electrode	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 13:34
S45	208	S41 and S44	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 13:34
S46	112	S45 and sensor.ti,ab.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 13:35
S47	28710	laser and ((cut\$4 or dic\$3 or slic\$4 or separate) near5 (wir\$3 or conduct \$4))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:01
S48	6858	laser same ((cut\$4 or dic \$3 or slic\$4 or separate) near5 (wir\$3 or conduct \$4))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:01

S49	6	S41 and S48	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:01
S50	379340	(glass or transparent) near4 substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:02
S51	893	S48 and S50	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:02
S52	215	S51 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:03
S53	4	S52 and sensor.ti,ab.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:10
S54	3	S52 and anodic near3 bond \$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:12
S55	108	laser same ((cut\$4 or dic \$3 or slic\$4 or separate) with (wir\$3 or conduct\$4) with ((glass or transparent) near3 substrate))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:15
S56	20	S55 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:15
S57	3167	laser with (through or penetrat\$4) with ((glass or transparent) near3 substrate)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:18
S58	416	S57 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:19
S59	76	S57 and sensor.ti,ab.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/01 14:19
S60	3169	laser with (through or penetrat\$4) with ((glass or transparent) near3 substrate)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:30
S61	417	S60 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:30
S62	76	S60 and sensor.ti,ab.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:30
S63	410	S61 not S62	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:30

S64	79	S63 and ((cut\$4 or dic\$3 or slic\$4 or separate) with (wir\$3 or conduct\$4))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:31
S65	26	S63 and ((cut\$4 or dic\$3 or slic\$4 or separate) with (wire or wiring or conductor))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:32
S66	0	(10/492906).APP.	USPAT; USOCR	ADJ	ON	2009/06/02 08:35
S67	1	("2005/0000561").URPN.	USPAT	ADJ	ON	2009/06/02 08:35
S68	20	("20010004901"   "20020134422"   "4239555"   "4457578"   "4487989"   "4625070"   "5428249"   "5726065"   "5972732").PN.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:36
S69	9	("20010004901"   "20020134422"   "4239555"   "4457578"   "4487989"   "4625070"   "5428249"   "5726065"   "5972732").PN.	US-PGPUB; USPAT	ADJ	ON	2009/06/02 08:36
S70	4	S69 and laser	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:38
S71	0	fr01/14017	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/02 08:39
S72	5460	anodic near2 bond\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:03
S73	6589	fixed electrode and (mov \$4 or float\$3) electrode	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:03
S74	133	S72 and S73	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:03
S75	511429	(connect\$4 or equipotential) near2 wir\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:12
S76	792	S72 and S75	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:13
S77	433092	electrostatic\$4	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:13
S78	294	S76 and S77	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:13

S79	266	S78 not S74	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:13
S80	18	("4644798"   "5134887"   "5195371").PN. OR ("5388460").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/18 13:15
S81	715	(438/53).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 13:18
S82	91	S72 and S81	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:18
S83	85	S82 not S74	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/18 13:43
S84	194	equipotential near4 wir\$4	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:15
S85	1	S84 same reduc\$4 near2 width	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:15
S86	1	S84 same (reduc\$4 near2 width)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:15
S87	5355	anodic near4 bonding	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:16
S88	1	S87 and ((reduc\$4 near2 width) with wir\$3)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:16
S89	128	S87 and ((reduc\$4 near2 width))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:17
S90	156089	(cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:17
S91	143	S87 and S90	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:18
S92	6	S91 and ((reduc\$4 near2 width))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:18
S93	118	((cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3) same ((reduc \$4 near2 width))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/12/12 08:23

**EAST Search History (Interference)**

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